

Title (en)  
BEAM-SHAPING OF A RADIO SIGNAL

Title (de)  
STRAHLFORMUNG EINES FUNKSIGNALS

Title (fr)  
FORMATION DE FAISCEAU D'UN SIGNAL RADIO

Publication  
**EP 1400036 B1 20080227 (DE)**

Application  
**EP 02754195 A 20020612**

Priority  
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• DE 10130603 A 20010626

Abstract (en)  
[origin: WO03003612A1] The beam shaping of a radio signal, transmitted from a first station (BS), with a number of antennae (A1-Am), to a second station (ms), may be controlled whereby the first station selects a weighting vector from a first set of base weighting vectors by using back-coupling information transmitted by the second station then supplies the signal for transmission to each antenna multiplied by an antenna-specific component of the weighting vector. A second set of weighting vectors is further defined and information about which set the weighting vector is to be chosen from is transmitted between the two stations.

IPC 8 full level  
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